S. Huff.

PAGE: 1

RAW SEQUENCE LISTING PATENT APPLICATION US/09/426,814

DATE: 12/11/2000 TIME: 22:47:55

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This Raw Listing contains the General Information Section and up to the first 5 pages.

1		SEQUENCE LISTING
2 3	(1) G	eneral Information:
4 5 6 7		eneral Information: APPLICANT: Holmes, Stephen D. Gross, Mitchell S. Sylvester, Daniel R.
8 9 10	(ii)	TITLE OF INVENTION: Recombinant IL4 Antibodies Useful in Treatment of IL4 Mediated Disorders NUMBER OF SEQUENCES: 58
11 12 13	(iii)	NUMBER OF SEQUENCES: 58
14 15 16 17 18 19 20 21	(iv)	CORRESPONDENCE ADDRESS: (A) ADDRESSEE: SmithKline Beecham Corporation (B) STREET: Corporate Intellectual Property, UW2220 - 709 Swedeland Rd. (C) CITY: King of Prussia (D) STATE: PA (E) COUNTRY: USA (F) ZIP: 19406-2799
22 23 24 25 26 27 28	(v)	COMPUTER READABLE FORM: (A) MEDIUM TYPE: Floppy disk (B) COMPUTER: IBM PC compatible (C) OPERATING SYSTEM: PC-DOS/MS-DOS (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
29 30 31 32 33	(vi)	CURRENT APPLICATION DATA: (A) APPLICATION NUMBER: 09/426,814 (B) FILING DATE: (C) CLASSIFICATION:
34 35 36 37 38 39	(vii)	PRIOR APPLICATION DATA: (A) APPLICATION NUMBER: 08/612,929 (B) FILING DATE: (A) APPLICATION NUMBER: US 08/136,783 (B) FILING DATE: 14-OCT-1993
40 41 42 43 44 45	(viii)	ATTORNEY/AGENT INFORMATION: (A) NAME: Sutton, Jeffrey A. (B) REGISTRATION NUMBER: 34,028 (C) REFERENCE/DOCKET NUMBER: P50186-2
46	(ix)	TELECOMMUNICATION INFORMATION:

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58	(D) TOPOLOGY: unknown																
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60	(ii) MOLECULE TYPE: cDNA																
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91	65					70					75					80	
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93												GGG					288
94	Gly	Ile	Pro	Ala		Phe	Ser	Gly	Ser		Ser	Gly	Thr	Asp		Thr	
95					85					90					95		
96																	
97												GCA					336
98	Leu	Asn	Ile		Pro	Val	Glu	Glu		Asp	Ala	Ala	Thr	_	Tyr	Cys	
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115 120 125 GAA ATC AAA CGG Glu Ile Lys Arg 130 Glu Ile Lys Arg 130 (2) INFORMATION FOR SEQ ID NO:2: (3) SEQUENCE CHARACTERISTICS: (A) LENGTH: 132 amino acids (B) TYPE: amino acid (B) TYPE: amino acid (C) TOPOLOGY: linear (A) LENGTH: 132 amino acid (B) TYPE: protein (Ci) MOLECULE TYPE: protein (Ci) MOLECULE TYPE: protein (Ci) MOLECULE TYPE: protein (Ci) SEQUENCE DESCRIPTION: SEQ ID NO:2: (A) LENGTH: 100 Met Glu Thr Asp Thr Ile Leu Leu Trp Val Leu Leu Trp Val Pro (C) (C) TOPOLOGY: linear (C) Topology: l																		384
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111		(2)	INF	ORMA'	TION	FOR	SEO	ID I	NO:2	:								
(A) LENGTH: 132 amino acids (B) TYPE: amino acid (D) TOPOLOGY: linear (ii) MOLECULE TYPE: protein (iii) MOLECULE TYPE: protein (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2: (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2: Met Glu Thr Asp Thr Ile Leu Leu Trp Val Leu Leu Trp Val Pro 12 1 5 10 15 (2) 20 25 30 (3) 15 (4) Ser Thr Gly Asp Ile Val Leu Thr Gln Ser Pro Ala Ser Leu Ala 25 20 25 30 (4) Val Ser Leu Gly Gln Arg Ala Thr Ile Ser Cys Lys Ala Ser Gln Ser 28 35 40 45 (2) Val Asp Tyr Asp Gly Asp Ser Tyr Met Asn Trp Tyr Gln Gln Lys Pro 131 50 55 60 (3) 40 (4) 45 (6) Gly Gln Pro Pro Lys Leu Leu Ile Tyr Ala Ala Ser Asn Leu Glu Ser (B) Gly Gln Pro Pro Lys Leu Leu Ile Tyr Ala Ala Ser Asn Leu Glu Ser (B) Gly Ile Pro Ala Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr (B) 65 70 75 80 (C) 75 80 (C) 10 10 105 105 (C) 10 10 105							~											DECEMEN
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115	113		(A) LENGTH: 132 amino acids															
115 116 117 118 119 (xi) MOLECULE TYPE: protein 119 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2: 120 121 121 122 1 123 124 125 125 120 125 126 127 128 128 129 129 130 126 127 128 128 129 130 128 129 130 120 120 121 120 121 120 121 120 121 120 121 120 121 120 121 120 121 120 121 120 121 120 121 120 121 120 121 120 120	114		(B) TYPE: amino acid															DEC 1.5.2008
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124 Gly Ser Thr Gly Asp Ile Val Leu Thr Gln Ser Pro Ala Ser Leu Ala 125 126 127 Val Ser Leu Gly Gln Arg Ala Thr Ile Ser Cys Lys Ala Ser Gln Ser 128 35 40 45 129 130 Val Asp Tyr Asp Gly Asp Ser Tyr Met Asn Trp Tyr Gln Gln Lys Pro 131 50 55 6 70 70 75 60 132 133 134 Gly Gln Pro Pro Lys Leu Leu Ile Tyr Ala Ala Ser Asn Leu Glu Ser 135 65 70 70 75 80 136 137 Gly Ile Pro Ala Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr 138 85 90 90 90 90 95 95 95 140 Leu Asn Ile His Pro Val Glu Glu Glu Asp Ala Ala Thr Tyr Tyr Cys 141 100 105 110 142 143 Gln Gln Ser Asn Glu Asp Pro Pro Thr Phe Gly Gly Gly Thr Lys Leu 144 115 120 125 146 Glu Ile Lys Arg 147 130						5					10					15		
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150 (2) INFORMATION FOR SEQ ID NO:3:	150	(2)	INFO	DRMA:	rion	FOR	SEQ	ID N	10:3	:								
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152 (i) SEQUENCE CHARACTERISTICS:	152		(i)	SE	QUENC	CE CF	IARAC	TER	STIC	CS:								

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167	GAATTCGCGG CCGCTATGCA GGGACAATCA GCAGCAGCAA TGAGGAAGTA AGCCTGTGCA															00	
168	СУТ	ΔТС	ΔΔC	AGG	СФФ	ΔСТ	TCC	TCA	ттс	СТС	СТС	CTG	ΔΤΤ	GTC	ССТ	GCA	108
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172	TAT	GTC	CTG	TCC	CAG	GTT	ACT	CTG	AAA	GAG	TCT	GGC	CCT	GGG	ATA	TTG	156
173												Gly					
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175																	
176	CAG	CCC	TCC	CAG	ACC	CTC	AGT	CTG	ACT	TGT	TCT	TTC	TCT	GGG	TTT	TCA	204
177	Gln	Pro	Ser	Gln	Thr	Leu	Ser	Leu	Thr	Cys	Ser	Phe	Ser	Gly	Phe	Ser	
178				35					40					45			
179																	
180												CGT					252
181	Leu	Ser		Ser	Gly	Met	Gly		Ser	Trp	Ile	Arg		Pro	Ser	Gly	
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189												Ser					240
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192	AGC	AAC	CAG	GTA	TTC	CTC	AAG	ATC	ACC	AGT	GTG	GAC	ACT	GCA	GAT	ACT	396
193												Asp					
194					100		•			105		•			110		
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197	GCC	ACA	TAC	TAC	TGT	GCT	CGA	AGA	GAG	ACT	GTG	TTC	TAC	TGG	TAC	TTC	444
198	Ala	Thr	Tyr	Tyr	Cys	Ala	Arg	Arg	Glu	Thr	Val	Phe	Tyr	Trp	Tyr	Phe	
199				115					120					125			
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201												TCC					483
202	Asp	Val	_	Gly	Ala	Gly	Thr		Val	Thr	Val	Ser					
203			130					135					140				
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221				20					23					30			
223	Dro	Sar	Gln	Thr	T.@11	Sar	T.211	Thr	Cve	Ser	Dhe	Ser	Gly	Dhe	Ser	T. - 11	
224	110	Der	35	1111	шеи	Der	пец	40	Cys	ber	riic	DCI	45	1110	DCI	пси	
225			33					40					13				
226	Ser	Thr	Ser	Glv	Met	Glv	Val	Ser	Trn	Tle	Ara	Gln	Pro	Ser	Glv	Lvs	
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229	Glv	Leu	Glu	Tro	Leu	Ala	His	Ile	Tvr	Trp	Asp	Asp	Asp	Lvs	Arq	Tvr	
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231																	
232	Asn	Pro	Ser	Leu	Lys	Ser	Arg	Leu	Thr	Ile	Ser	Lys	Asp	Thr	Ser	Ser	
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234																	
235	Asn	Gln	Val	Phe	Leu	Lys	Ile	Thr	Ser	Val	Asp	Thr	Ala	Asp	Thr	Ala	
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